

SYSTEM AND METHOD FOR COLLECTING, STORING, AND DISPLAYING
PROCESS DATA INCLUDING PARTICLE MEASUREMENT DATA

ABSTRACT OF THE DISCLOSURE

5 A system and method are provided for collecting, storing, and displaying a
plurality of different types of process data, including accumulated and differential particle
counts, from remote locations without requiring manual intervention. The system
includes a plurality of particle measuring instruments disposed at respective locations
distributed about a facility in order to collect particle data. The system also includes a
10 process data collection device for providing process data other than particle data, such as
temperature, pressure or humidity level. The system is interconnected with the plurality
of particle measuring instruments and the process data collection device by means of a
computer network. As such, the particle data and process data can be provided to a
computer network for collection and storage. Thereafter, the particle data and the process
15 data can be remotely displayed at a graphic user interface.

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